

## CLAIMS

1. A method for sending commands and/or data to a mobile storage device, comprising configuration of an application running in an operating system, said application being used to send the commands and/or data to the mobile storage device, and the method further comprising the following steps:

1) the said application setting an identification mark for the commands and/or data, said identification mark and the commands and/or data forming a data packet;

2) said application sending to the mobile storage device through the operating system the data packet together with a write command according to the standard write command format provided by the operating system;

3) said mobile storage device receiving from the operating system the write command and the data packet;

4) said mobile storage device interpreting and obtaining the commands and/or data in the data packet based on the identification mark; and

5) said mobile storage device performing the corresponding operation according to the commands and/or data, and sending to said application the operation result via the operating system.

2. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the standard write command format is the standard write file function command format provided by the operating system.

3. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the command and/or data in the data packet comprise, but not limit to, the device control operation command of the mobile storage device.

4. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the application can also send the commands and/or data under a non-administrator mode of said operating system.

5. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the mobile storage device comprises, but not limit to USB flash disk, mobile hard disk, semiconductor mobile storage device, MO disk, ZIP disk, and mobile phone.

6. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the commands and/or data can be either user-defined command and/or data, or the standard operation commands and/or data.

7. The method for sending the commands and/or data to the mobile storage device according to claim 6, wherein the commands and/or data in the data packet comprise, but not limit to, the password verification command, password modification command, storage capacity obtaining command, device internal information obtaining command, write protect setting command, write protect determining command, switching state determining command, device internal information modification command, data position obtaining command, storage disk switching command, formatting command and storage capacity altering command.

8. The method for sending the commands and/or data to the mobile storage device according to claim 6, wherein the operating system refers to Windows operating system of Microsoft Inc., comprising, but not limits to, Windows 98, Windows Me, Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advance Server, Windows XP Professional, Windows XP Home Edition,

Windows XP Server, Windows XP Advance Server, and subsequent operating systems developed by Microsoft Inc.

9. The method for sending the commands and/or data to the mobile storage device according to claim 1, wherein the application can send the commands and/or data under the non-administrator mode of Windows operating system of Microsoft Inc.